

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 3/24/2016**

<b>Control</b>	<b>0923-06-071, ETC.</b>
<b>Project</b>	<b>BR 2016(004), ETC.</b>
<b>Highway</b>	<b>CR, ETC.</b>
<b>County</b>	<b>BROWN</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2016(004)

CONTROL: 0923-06-071

COUNTY: BROWN

LETTING: 04/05/2016

REFERENCE NO: 0324

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.: 1-4 )
  - GENERAL NOTES (SH. NO.: A )
  
  - SPEC LIST (SH. NO.: )
  - SPECIAL PROVISIONS: )
  - ADDED:
  
  - DELETED:
  
  - SPECIAL SPECIFICATIONS:
  - ADDED:
  
  - DELETED:
  
  - OTHER: "SEE CHANGES OUTLINED BELOW"

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

BID INSERTS

SHT 1-4; QUANTITY REVISED FOR ITEM 416-6001  
QUANTITY REVISED FOR ITEM 416-6004

GENERAL NOTES

SHT A; ADDED THE SENTENCE "STRENGTH TESTING REQUIREMENTS FOR FLEXIBLE  
BASE ARE NOT REQUIRED FOR THIS PROJECT"

PLAN SHEETS

SHT 4 - ADDED NOTE FOR STRENGTH TEST REQUIREMENTS  
SHT 5 - CHANGED QUANTITIES FOR ITEMS 416-6001 & 416-6004  
SHT 6 - CHANGED QUANTITIES FOR ITEMS 416-6001 & 416-6004  
SHT 43 - CHANGED QUANTITIES FOR ITEMS 416-6001 & 416-6004

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	6002		PREPARING ROW  DOLLARS and CENTS	STA	14.010	1
	110	6001		EXCAVATION (ROADWAY)  DOLLARS and CENTS	CY	321.000	2
	132	6003		EMBANKMENT (FINAL)(ORD COMP)(TY B)  DOLLARS and CENTS	CY	767.000	3
	164	6003		BROADCAST SEED (PERM) (RURAL) (CLAY)  DOLLARS and CENTS	SY	1,666.000	4
	164	6009		BROADCAST SEED (TEMP) (WARM)  DOLLARS and CENTS	SY	591.000	5
	164	6011		BROADCAST SEED (TEMP) (COOL)  DOLLARS and CENTS	SY	591.000	6
	168	6001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	175.000	7
	216	6001		PROOF ROLLING  DOLLARS and CENTS	HR	6.000	8
	247	6053		FL BS (CMP IN PLC)(TYD GR1-2)(FNAL POS)  DOLLARS and CENTS	CY	553.000	9
	400	6005		CEM STABIL BKFL  DOLLARS and CENTS	CY	215.000	10
	416	6001		DRILL SHAFT (18 IN)  DOLLARS and CENTS	LF	142.000	11
	416	6004		DRILL SHAFT (36 IN)  DOLLARS and CENTS	LF	531.000	12

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	416	6087		CORE HOLE  DOLLARS and CENTS	EA	18.000	13
	420	6013		CL C CONC (ABUT)  DOLLARS and CENTS	CY	116.100	14
	420	6054		CL C CONC (HEADWALL)  DOLLARS and CENTS	CY	6.900	15
	422	6001		REINF CONC SLAB  DOLLARS and CENTS	SF	5,850.000	16
	425	6035		PRESTR CONC GIRDER (TX28)  DOLLARS and CENTS	LF	555.180	17
	425	6036		PRESTR CONC GIRDER (TX34)  DOLLARS and CENTS	LF	337.990	18
	432	6001		RIPRAP (CONC)(4 IN)  DOLLARS and CENTS	CY	2.000	19
	432	6033		RIPRAP (STONE PROTECTION)(18 IN)  DOLLARS and CENTS	CY	674.000	20
	432	6045		RIPRAP (MOW STRIP)(4 IN)  DOLLARS and CENTS	CY	39.700	21
	450	6006		RAIL (TY T223)  DOLLARS and CENTS	LF	570.000	22
	454	6004		ARMOR JOINT (SEALED)  DOLLARS and CENTS	LF	150.000	23
	459	6001		GABIONS (GALV)  DOLLARS and CENTS	CY	89.000	24

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	496	6009		REMOV STR (BRIDGE 0 - 99 FT LENGTH) DOLLARS and CENTS	EA	3.000	25
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	26
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	11.000	27
	506	6006	002	ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS and CENTS	CY	13.000	28
	506	6012	002	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	CY	13.000	29
	506	6038	002	TEMP SEDMT CONT FENCE (INSTALL) DOLLARS and CENTS	LF	2,482.000	30
	506	6039	002	TEMP SEDMT CONT FENCE (REMOVE) DOLLARS and CENTS	LF	2,482.000	31
	506	6041	002	BIODEG EROSN CONT LOGS (INSTL) (12") DOLLARS and CENTS	LF	130.000	32
	506	6043	002	BIODEG EROSN CONT LOGS (REMOVE) DOLLARS and CENTS	LF	130.000	33
	540	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	726.000	34
	540	6007		MTL BEAM GD FEN TRANS (TL2) DOLLARS and CENTS	EA	12.000	35
	540	6014		SHORT RADIUS DOLLARS and CENTS	LF	18.000	36

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	6015		DRIVEWAY TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	1.000	37
	540	6017		MTL BM GD FEN (LONG SPAN SYSTEM) DOLLARS and CENTS	LF	100.000	38
	544	6001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	4.000	39
	544	6004		GDRAIL END TRT(INST)(WOOD POST)(TY I) DOLLARS and CENTS	EA	11.000	40
	552	6003		WIRE FENCE (TY C) DOLLARS and CENTS	LF	373.000	41
	552	6008		WIRE FENCE (WATER GAP) DOLLARS and CENTS	LF	86.000	42
	644	6004		IN SM RD SN SUP&AM TY10BWG(1)SA(T) DOLLARS and CENTS	EA	1.000	43
	658	6002		INSTL DEL ASSM (D-SW)SZ 1(FLX)GND(BI) DOLLARS and CENTS	EA	12.000	44
	658	6062		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI) DOLLARS and CENTS	EA	16.000	45
	1004	6001		TREE PROTECTION DOLLARS and CENTS	EA	1.000	46

**GENERAL NOTES**

TEST TO BE IN ACCORDANCE WITH  
TEXAS DEPARTMENT OF TRANSPORTATION  
STANDARD TEST METHODS.

Item	Description	Soil Constants		
		Max LL.	Max. PI	Min. PI
* 132	Embankment (Final)(Ord Comp)(Ty B)	40	30	3
** 247	FI Bs (Cmp In Plc) (Ty D Gr1&2)(Fnal Pos)			3

\* Applies to borrow only.

\*\* Strength testing requirements for flexible base are not required for this project.

**GENERAL**

The total disturbed area is shown on the SW3P sheet(s).

The Contractor shall establish drainage in ditches before seeding or as directed by the Engineer.

The disturbed area in this project, all project locations in the Contract, and the Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer (to the appropriate MS4 operator when on an off-state system route).

**ITEM 5 CONTROL OF WORK**

The responsibility for the construction surveying on this contract will be in accordance with Article 5.9.1. "Method A".

Prior to contract letting, bidders may obtain a free computer diskette or a computerized transfer of files (from the Engineer's office) that contains the earthwork information. If copies of the actual cross-sections in addition to, or instead of, the diskette are requested, they will be available at the Engineers office for borrowing by copying companies for the purpose of making copies for the bidder at the bidder's expense.

**ITEM 6 CONTROL OF MATERIALS**

The structural steel to be removed may contain lead paint. Submit a proposed demolition plan for approval by the Engineer at least 60 days prior to the desired demolition date. Demolition plan should limit disturbance where lead paint is located when possible.

The Contractor shall dismantle the structure components that contain LCP in a manner that will comply with OSHA and other applicable rules and regulations relating to lead. Different dismantling methods may be utilized for dismantling the structure components containing LCP such as machine shearing, strip abatement, long-handle torching, etc. provided the method is approved by TxDOT and follows all rules and regulations related to lead.

**Lead Abatement Option:**

The lead abatement work may be subcontracted to a firm or company with the appropriate certifications outlined in Item 6.10.1.2 of the TxDOT 2014 Texas Standard Specifications.

The Contractor shall abate sufficient LCP to facilitate the project work, per Item 6.10.1.2 or as outlined in the project plans. Where paint-stripping is utilized as a protective measure to facilitate torch cutting, submit paint-stripping locations to the TxDOT Project Manager for review and approval. The following default specifications shall be utilized when stripping LCP from steel structure components to facilitate torch cutting:

- The contractor shall abate a six-inch wide strip around the perimeter of the beam cross-section for each beam for every 40 feet of beam length.
- A four inch wide strip around the perimeter of the diaphragm member or members at each attachment location to the beams.
- A four inch wide strip around bearing attachments and at the anchor bolts.

**ITEM 8 PROSECUTION AND PROGRESS**

Working days will be computed and charged in accordance with Article 8.3.1.4 "Standard Workweek".

Work shall not be performed without time being charged.

Work on each location must be considered substantially complete and open to full traffic before moving to the next location. Only one location shall be under construction at a time and shall be constructed in the following order:

1<sup>st</sup> 3102-01-008 FM 3021

2<sup>nd</sup> 0923-06-073 CR 291

3<sup>rd</sup> 0923-06-071 CR 334

4<sup>th</sup> 0923-06-072 CR 121

**ITEM 100 PREPARING RIGHT OF WAY**

Blade and windrow outside construction limits, grass, weeds, and topsoil to grass roots depth. Blade windrows over the slopes after excavation and embankment operations are completed. This work is subsidiary to Item 100.

Perform "Preparing Right of Way" operations in the usual manner within the limits of the excavation and fill areas. Remove only such trees, brush, weeds, etc. as designated by the Engineer. Use a light skim blading on existing sodded areas beyond construction limits to remove rocks, weeds and other objectionable materials as directed by the Engineer. Exercise care to avoid disturbing the native grasses unnecessarily during construction.

#### **ITEM 132 EMBANKMENT**

Shape the embankment, near the drainage structures, to the slope of the safety end treatment.

Embankment for the drainage structures is included in the quantities shown on the plan & profile sheets.

#### **ITEM 164 SEEDING FOR EROSION CONTROL**

The Contractor should anticipate two (2) separate mobilizations for seeding on each project.

Blade and windrow outside construction limits, grass, weeds, and topsoil to grass roots depth.

Blade windrows over the slopes after excavation and embankment operations are completed. This work is subsidiary to Item 164.

#### **ITEM 166 FERTILIZER**

Fertilize all areas of project to be seeded.

Furnish and apply fertilizer with analysis of 20-10-10 at a rate of 300 bulk pounds per acre.

#### **ITEM 168 VEGETATIVE WATERING**

Water all areas of project to be seeded.

Vegetative watering is estimated at 1 inch per week for 4 weeks.

Vegetative watering may be adjusted as directed by the engineer to ensure saturation for vegetative establishment.

#### **ITEM 216 PROOF ROLLING**

Proof Rolling is estimated at 6 hours for the entire project.

#### **ITEM 247 FLEXIBLE BASE**

A motor grader shall be used to process base.

#### **ITEM 420 CONCRETE SUBSTRUCTURES**

All Class C Concrete has been measured for plan quantity payment.

#### **ITEM 421 HYDRAULIC CEMENT CONCRETE**

Furnish dome lids with 4" x 8" cylinder test molds.

Strength testing equipment is not required for Contract controlling test.

#### **ITEM 427 SURFACE FINISHES FOR CONCRETE**

Surface Area II shall receive a rub finish.

#### **ITEM 432 RIPRAP**

Locations and quantities may be varied as directed by the Engineer to accommodate field conditions.

Riprap (Conc) (CI B) is required inside all Type I safety end treatments, unless otherwise directed by the Engineer.

Limit excavation to within 1' of riprap.

#### **ITEM 496 REMOVING STRUCTURES**

Notify TxDOT at least 30 days prior to any Bridge Removal that will require a 10-Calendar-Day, Prior-To-Work Notification to Texas Department of State Health Services (DSHS). If the work does not happen on the notified date, then another 10- Calendar-Day, Prior-To-Work Notification will be required.

Provide a detailed plan for the removal of the existing structure to include the schedule of removal and list of all equipment to be used.

The structure or structures to be removed may have surface coatings, which may contain hazardous materials. Provide for the safety and health of employees and abide by all OSHA Standards and Regulations as well as those set by Texas Department of State Health Services (DSHS).

#### **ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING**

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Excavations in Intersections adjacent to travel lanes shall not be exposed or open overnight. Backfilling shall take place the day excavations are made.

All equipment operated by the Contractor on or within thirty feet (30') of the roadway shall have a functioning flashing beacon mounted on it. Motor graders shall have two standard orange warning flags mounted on them in addition to the flashing beacon.

#### **ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS**

The Engineer will determine actual time and placement locations of BMP's and temporary measures once construction has begun.

Stockpile sites may be cleared of cover vegetation, but the vegetation root system shall not be destroyed.

#### **ITEM 544 GUARDRAIL END TREATMENTS**

Guardrail end treatment for CSJ 3102-01-008 shall be Ty III.

#### **ITEM 552 WIRE FENCE**

Wire fence quantities shown on the plans are approximate and may be adjusted in the field as approved by the Engineer.

Notify the Engineer three weeks prior to beginning and fence work.

#### **ITEM 644 SMALL ROADSIDE SIGN ASSEMBLIES**

For Triangular Slip Base systems use HWYCOM (3 way set screw), Southern Plains (2 bolt clamp), or approved equivalent.

Build signs not detailed in the plans according to the latest edition of the Standard Highway Sign Designs for Texas.

Existing roadside signs are to be removed and mounted on temporary supports and placed during construction as directed by the Engineer.

Conformable Retroreflective Sheeting in accordance with DMS 8300 will be required on all Warning, Stop, and Yield signs. Retroreflective sheeting wrapped around a sign support is yellow unless the sign on the support is a Stop or Yield, in which case the sheeting shall be red. Retroreflective sheeting shall have a height on the post of 12 inches and the bottom of the sheeting shall be 4 feet above the edge of the travel lane. Retroreflective sheeting will not be paid for directly but shall be considered subsidiary to Item 644 Small Roadside Sign Assemblies.

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